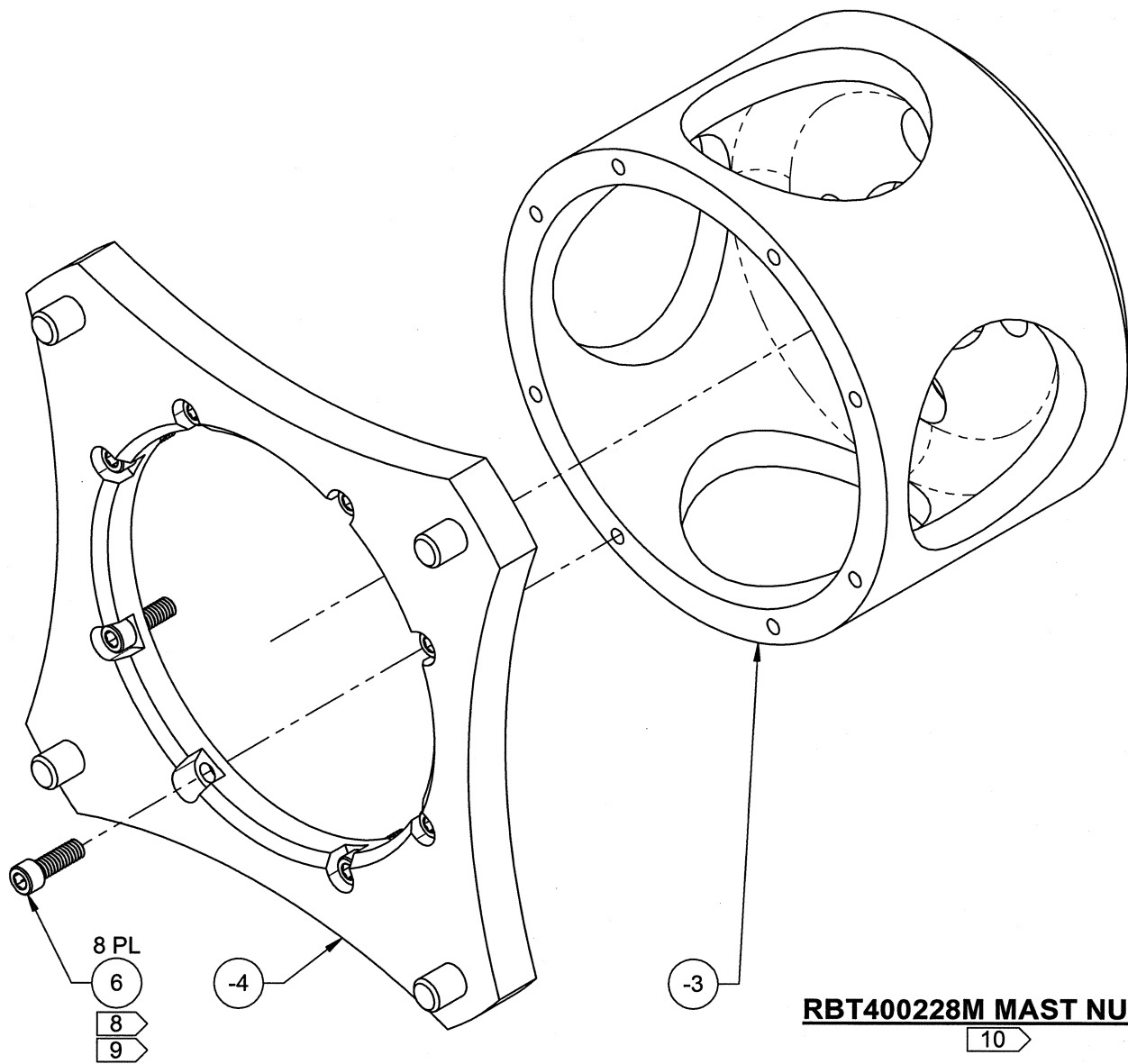
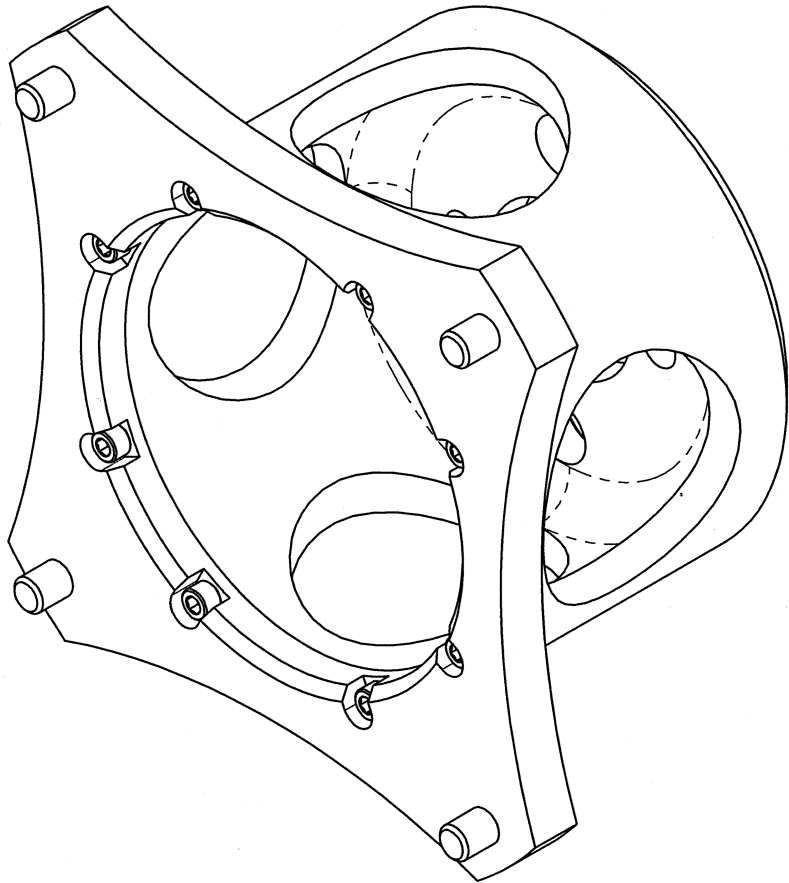




ITEM #	QTY	PART #	PART TITLE
-3	1	RBT400228M-3	CYLINDER
-4	1	RBT400228M-4	PLATE ASSY
6	8	McMaster#90128A245 OR EQUIV	STEEL ZINC PLATED SOCKET HEAD SCREW 1/4"-20 X 3/4" LG.



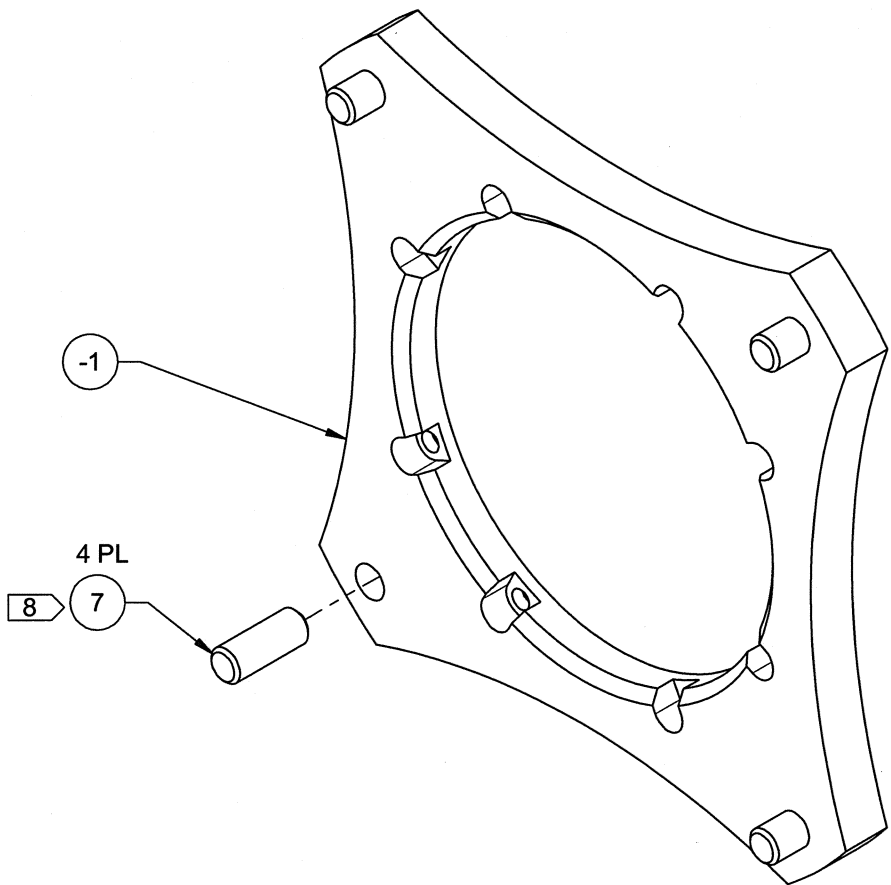
RBT400228M MAST NUT PSE

- NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A
7) ASSEMBLE AS SHOWN
8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 6 THEN ASSEMBLE WITH ITEM -3, AND REMOVE EXCESS
9) TORQUE ITEM 6 TO 12.5 FT-LBS (150 IN-LBS)
10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

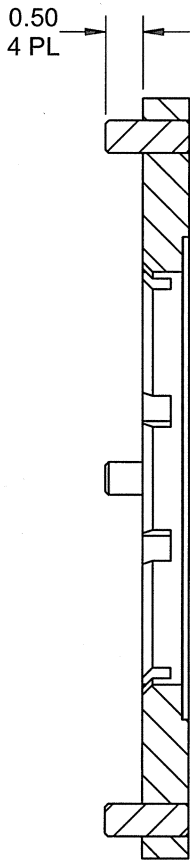
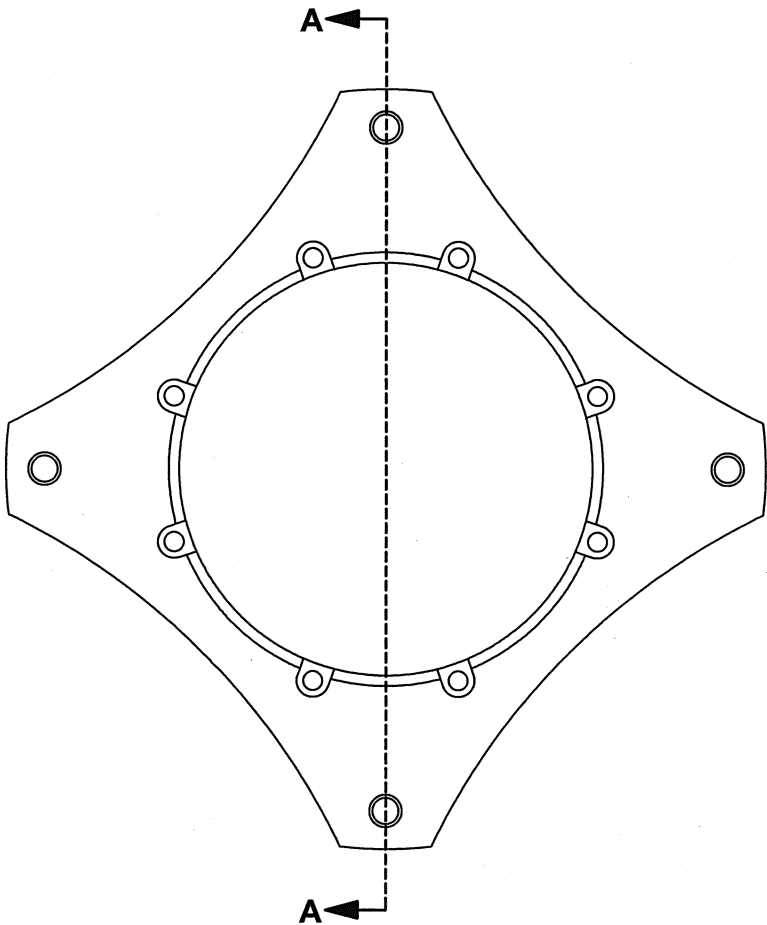


B	SEE PREVIOUS PDF FOR OLDER REV TEMPLATE UPDATED PER DART HBY STANDARDS ITEM -4 ASSY ADDED ITEM -5 McMaster#91274A164 CHANGED FOR ITEM 6 McMaster#90128A245 ITEM -7 McMaster#98381A669 CHANGED FOR ITEM 7 McMaster#98381A670 ITEM -1 DIMENSION 4X Ø.4371/.4364 B.C Ø 9.169 CHANGED FOR Ø0.4375/0.4367 THRU 4 PL 6.483 +/-0.001", MATERIAL 6061-T6 CHANGED FOR 6061-T6/7075-T6, DIMENSION  Ø.438 CHANGED FOR SLOT Ø0.438, DIMENSION Ø6.51 CHANGED FOR Ø6.475/6.472, DIMENSION R0.008" ADDED, DIMENSION 4X 3.48 CHANGED FOR 6.96 ITEM 8 McMaster#91732A735 ADDED ITEM -3 ENGRAVING S/N AND "MADE IN USA" REMOVED, MATERIAL 6061-T6 CHANGED FOR 6061-T6/7075-T6, DIMENSION Ø6.480/6.460 CHANGED FOR Ø6.470/6.467		17-706	VM
	REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	VM			
CHECKED	KPT	TOOL PART #		REV. B SHEET 1 OF 4
MFG. APPR.	JFC	RBT400228M		
APPROVED		TITLE		SCALE NTS
DATE 2019-06-27		MAST NUT PSE		
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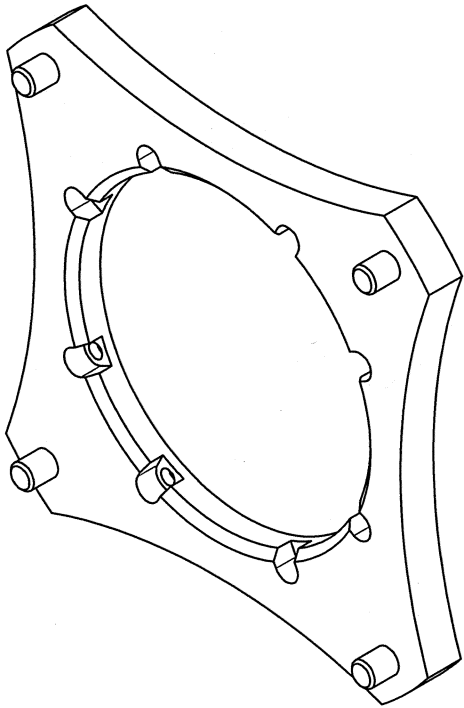
ITEM #	QTY	PART #	PART TITLE
-1	1	RBT400228M-1	PLATE
7	4	McMaster#98381A670 OR EQUIV	STEEL DOWEL PIN 7/16" DIA X 1-1/8" LG.



RBT400228M-4 PLATE ASSY

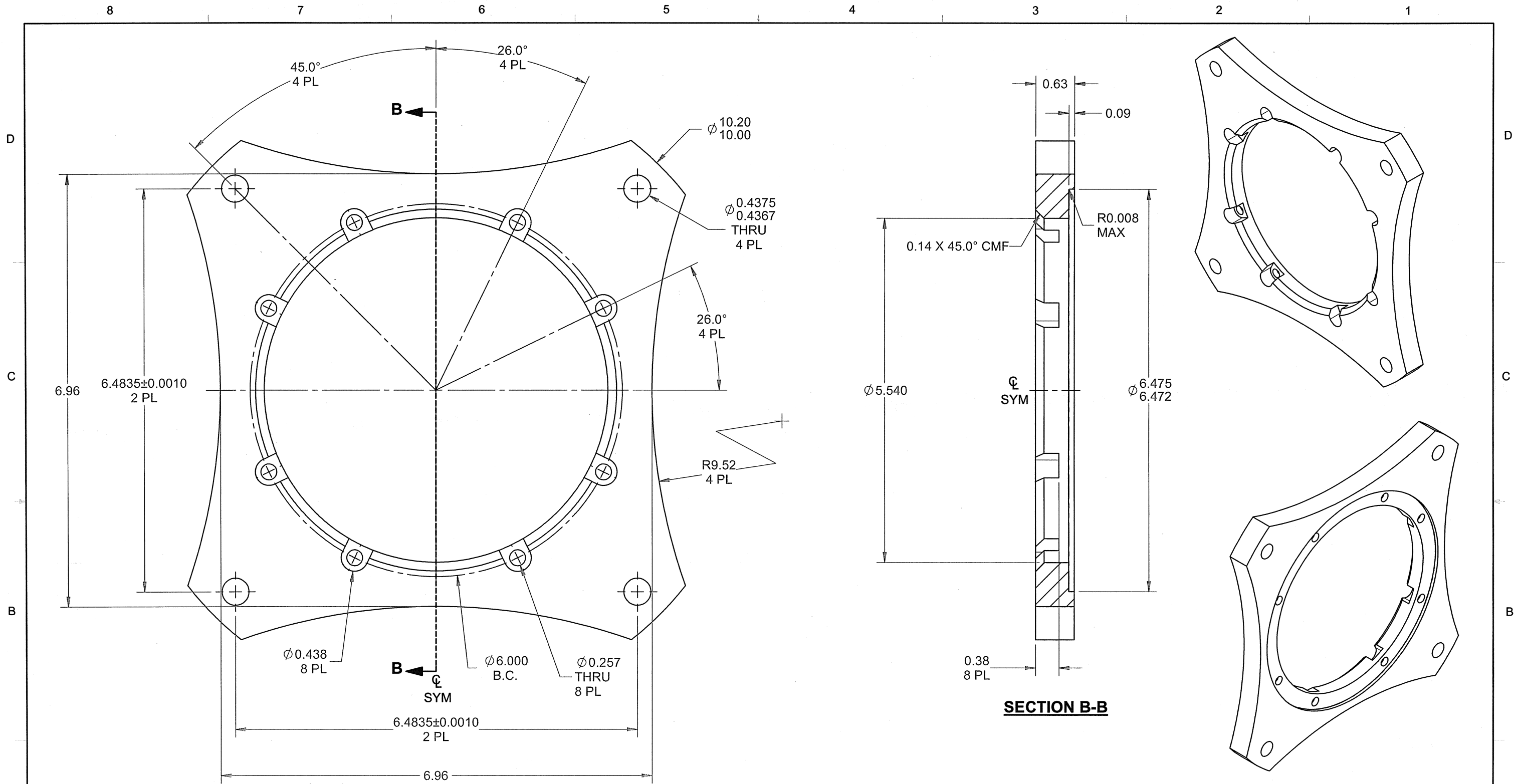


SECTION A-A



- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEMS 7 FLUSH TO SURFACE OF ITEM -1, AND REMOVE EXCESS

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. B
MFG. APPR.	JFC	RBT400228M	SHEET 2 OF 4
APPROVED		TITLE	SCALE
		MAST NUT PSE	NTS
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NOTES:

- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

RBT400228M-1 PLATE

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. B
MFG. APPR.	JFC	RBT400228M	SHEET 3 OF 4
APPROVED		TITLE	SCALE
		MAST NUT PSE	NTS
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